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Part Number: [171856-0003](#)
Status: **Active**
Overview: [KK® Interconnect System](#)
Description: KK® 254 RPC Wire-to-Board Vertical Header with Friction Lock, 3 Circuits

Documents:
[3D Model](#) [Product Specification PS-171856-0002 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary TS-171856-0001 \(PDF\)](#)
[Product Specification PS-171856-0001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers
Series [171856](#)
Application Power, Signal, Wire-to-Board
Overview [KK® Interconnect System](#)
Product Name KK® 254
UPC 887191376196

Physical

Breakaway No
Circuits (Loaded) 3
Circuits (maximum) 3
Color - Resin Black
Durability (mating cycles max) 25
First Mate / Last Break No
Glow-Wire Compliant Yes
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Plating Mating Tin
Material - Plating Termination Nickel
Material - Resin Nylon
Net Weight 0.332/g
Number of Rows 1
Orientation Vertical
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.60mm
Packaging Type Bag
Pitch - Mating Interface 2.54mm
Shrouded Partial
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 4A
Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 30
Lead-free Process Capability SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 3



image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



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environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series
[171856Series](#)

Process Temperature max. C

260

Material Info

Reference - Drawing Numbers

Product Specification

PS-171856-0001, PS-171856-0002

Sales Drawing

SD-171856-0001

Test Summary

TS-171856-0001

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